

THE
Annual Report
FOR THE
**Market Harborough
Rural District Council.**

1913.

BY

Edgar Vaughan Phillips,
MEDICAL OFFICER OF HEALTH.

MARKET HARBOROUGH :

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REPORT.

KIBWORTH BEAUCHAMP,

LEICESTER,

7th February, 1914.

Gentlemen,

I beg to present my Nineteenth Annual Report as Medical Officer of Health to the Market Harborough Rural District Council.

BIRTHS.

The total number of Births registered in the year 1913 was 149, of which 75 were male and 74 female. There were no illegitimate births. The birth-rate was 19.17 per thousand, rather higher than last year, but still very much below the average.

DEATHS.

The total number of deaths which actually occurred in the District was 51, of which 23 were males and 28 females, giving a death rate of 6.50 per thousand of deaths, this is by far the lowest death rate I have been able to record. Two of these deaths were of non-residents registered in the District. To these figures must be added 15 deaths of persons belonging to the District, who died outside its area in institutions, making a total of 64 deaths of actual residents and giving a death rate of 8.23 per thousand. This death rate is most satisfactory. 23 of the above persons were over 70 years of age. The total deaths under one year were ten, giving an infantile mortality of 67.11 per thousand births, which again is quite satisfactory,

PYHICAL FEATURES AND GENERAL CHARACTERISTICS OF THE DISTRICT.

The Market Harborough Rural District covers an area of 30,234 acres in the south of Leicestershire. The population was 7,770 at the 1911 census. The country consists almost entirely of grass land watered by small brooks, the average height above sea level being about 350 feet. The greater number of villages are entirely agricultural and very stationary as regards population, the two largest villages being Kibworth and Fleckney, where a small proportion of the inhabitants are engaged in agricultural pursuits and the greater number are hosiery workers. Three factories in Fleckney employ about 1000 hands and two factories in Kibworth employ about 400 hands. The employees in these factories do not work on "all night" shifts as formerly, and the general improvement in the health of the men is very marked in consequence. It is to be hoped that the present arrangement of the hours of labour will continue.

HOUSE ACCOMMODATION.

The house accommodation of the working classes is generally good. Not many houses are being built in the agricultural villages and even in Kibworth and Fleckney, the two large manufacturing villages, building has been much slacker lately than for many previous years. The District has bye-laws applicable to Kibworth, Fleckney, and Smeeton with regard to new buildings, and all owners are required to submit plans of houses and drainage to the Board before houses are built. The Sanitary Inspector has also to inspect before the houses are passed and no new houses are allowed to be inhabited until the owners have satisfied the Council that their bye-laws have been complied with and a good and sufficient supply of water is available. This latter is always a difficult matter, as the supply is almost invariably from shallow wells and can easily become contaminated by surface pollution and in dry weather become dry. As a rule the inhabitants themselves desire good water, sanitary cottages, open surroundings, gardens, &c., and are only too glad to comply with these regulations. Your Sanitary Inspector is continuing his house-to-house inspection of the District under the Towns Planning Act and notices are being served on all property owners where closet accommodation, &c., has not been found satisfactory. The work is being steadily done as the Inspector's report will testify. Four cases of overcrowding have been dealt with, three in Lubenham and one in Fleckney. In Lubenham there is a shortage of houses and the only way we could deal with the overcrowding there was to make some of the family sleep out. This is hardly a satisfactory solution of the difficulty. In Fleckney the sleeping accommodation was increased by turning the ground floor front room into a bedroom.

SEWERAGE DISPOSAL.

The villages of Kibworth have a joint sewerage scheme which comprises 12 acres of grass land for irrigation, with Cosham's patent tanks. Fleckney village has also a sewerage scheme where Cosham's patent tanks and Adam's automatic sprinkler are used. The scheme is one of precipitation and infiltration. In the other villages in the district cesspools and settling tanks are generally used, the excrement being put on the land and gardens, this is not by any means satisfactory, the presence of cesspools in the main street might be a cause of grave danger. Improvements have been effected in Tur Langton during the past year by re-laying the greater part of the main sewer and doing away with one large cesspool in the main village street. We are still continuing to get rid of the old-fashioned privies, several have been converted this year into pail or water closets. I consider that every cottage should have its private closet.

WATER SUPPLY,

The district depends upon its water supply from public or private wells, the majority of which are shallow and the quality of the water is always open to suspicion and gives rise to grave anxiety in times of drought. In consequence of numerous complaints made to me about the shortage of water in Kibworth and Fleckney during the last exceptionally dry summer, I reported the matter at your August meeting. In accordance with your instructions a report was prepared by your Sanitary Inspector and myself, after a careful enquiry and inspection in these villages of the houses and number of their inhabitants who were without a satisfactory supply. The report was submitted at the September meeting and shewed 58 houses occupied by 298 people to be short of water owing to the exceptionally dry weather, at the same time a list was submitted comprising 121 houses occupied by 477 people who were without a supply at all on the premises and were dependent for their water supply on public pumps, in many cases as much as 200 yards away or upon the kindness of their neighbours. These reports were discussed at considerable length by your Council and also referred to the Parish Councils for their consideration. The general result of these various conferences was, that providing sufficient pressure was brought to bear on the various owners concerned, under the Public Health Act, a sufficient and satisfactory supply of water might be obtained without the expense of a public supply. A further report was called for by you with a view to notices being served on defaulting owners, this was presented in December and was of a much more favourable nature, in consequence of the heavy rains which had fallen in the meantime—supplies which had completely given out in the dry season had become replenished in December. It was decided by your Council to serve notices in 17 instances affect-

ing 49 houses. At the same time I wish to refer to my reports in years past respecting the water supply, and I personally consider that a public supply, either of a local nature or brought from outside would be most beneficial to the three large villages chiefly concerned, as I doubt if any lasting benefit can be obtained by remedial measures applied to shallow wells, which are practically the only water supply in your district.

FACTORIES.

The five hosiery factories in the district have been frequently inspected during the past year, no overcrowding exists, the ventilation is satisfactory and sanitary arrangements efficient.

MILK SUPPLY.

The quality of the milk produced in the district is good, also the condition of most of the dairies, cowsheds and milk shops which are regularly inspected. Some structural alterations are still being made and the general conditions have improved as a whole. No milk is imported. No action has been taken or required with regard to other food in the district.

NOTIFICATION OF DISEASE.

The Notification Act is carefully carried out, but there is no Isolation Hospital. An arrangement exists by which infectious cases can be removed to the Blaby Hospital, near Leicester ; during the past year five cases were sent there from this district, four of them were cases of Scarlatina imported from Rugby. Sanatorium accommodation for Tuberculosis cases is being found at the Mowsley Isolation Hospital and is under the control of the County Tuberculosis Officer. Notification of Tuberculosis is enforced in the district, I forward all notifications to the County authorities, who deal with the cases as accommodation allows.

INFECTIOUS DISEASE.

Twenty-three cases of notifiable disease occurred during 1913, 18 cases of Diphtheria with one death on the last day of the year. Five cases of Scarlet Fever. In every case prompt isolation was enforced and disinfectants supplied. Eight cases of Tuberculosis were notified. Antitoxin was again supplied to any practitioner requiring it in diphtheria cases and was freely used for the patient and for prophylactic purposes. In no house did a second case of Diphtheria occur. The Inspector thoroughly disinfected the rooms, &c., at the conclusion of illness, bedding was destroyed and where necessary new mattresses have been supplied.

SCHOOLS.

I have inspected every school in the district and a detailed report of each inspection has been forwarded to the County Council. The schools are well built and in very good sanitary condition, the water supply is from wells except Theddingworth School which is provided from the Market Harborough Urban water supply. When cases of infection arise the Schools are closed as is found necessary.

1913.

WATER ANALYSES.

Jan. 21.—Kibworth Harcourt, Merton Cotts	...	...	Bad
Feb. 25.—Rowley's Factory, Fleckney	...	...	Bad
Mar. 3.—Smeeton Lane, Kibworth (Newcome)	...	...	Dirty
Mar. 31.—Public Pump, Lubenham	...	...	Very Good
Apl. 14.—The Manor, Kibworth Harcourt	...	...	Very fair
May 14.—Kibworth Harcourt (Hawley)	...	...	Very Good
June 2.—Husbands Bosworth (Kemp)	...	...	Bad
June 2.—" Judy's Well	...	...	Bad
June 2.—Public Supply, Shangton	...	...	Very Good
June 23.—Public Pump, Thorpe Langton	...	...	Dirty
July 2.—Foxton Tap	...	...	Fair
July 7.—Telephone Office, Kibworth	...	...	Bad
July 11.—Village Pump, Cranoe	...	...	Dirty
Sept. 2.—Public Pump, Cranoe	...	...	Fair
Sept. 22.—Smeeton (Tilley)	...	...	Bad
Sept. 22.—" Mattock's House	...	...	Very Bad
Sept. 29.—Public Pump, Thorpe Langton	...	...	Bad
Oct. 14.—Telephone Office, Kibworth	...	...	Questionable
Oct. 20.—Peberdy and Earp, Fleckney	...	...	Fair
Oct. 20.—Allsopp, Wistow Road, Fleckney	...	...	Very Good
Oct. 21.—Vendy, Thorpe Langton	...	...	Bad
Oct. 22.—Fleckney, " Swan" No. 1	...	...	Bad
Oct. 22.—" No. 2	...	...	Very Good
Oct. 28.—Kibworth, " Horse Shoes"	...	...	Bad
Nov. 3.—Fleckney, " Dun Cow"	...	...	Very Bad
Nov. 3.—Fleckney, Pell's Cottages	...	...	Bad
Nov. 10.—" The Manor House	...	...	Bad
Nov. 10.—" Walker, Arnsby Road	...	...	Very Bad
Nov. 18.—" Garner, No. 1, Kibworth Road	...	...	Very Good
Nov. 18.—" No. 2.	...	...	Very Bad
Nov. 25.—" Near Mission Hall	...	...	Bad
Nov. 25.—" Gladstone Street (Brown)	...	...	Very Fair
Dec. 2.—Kibworth, Halford Street	...	...	Bad

Samples of all the above were submitted to Mr. Freeland, Analytical Chemist, Kibworth. Steps have been taken by the Council as far as possible to remedy these bad waters, and considerable improvement may be expected in the future.

RAINFALL.

The rainfall during the year 1913 was 24.51 inches.

Jan.	...	3.27	May	...	1.37	Sept.	...	1.65
Feb.	...	.77	June	...	.87	Oct.	...	3.78
Mar.	...	4.11	July	...	.93	Nov.	...	3.26
April	...	2.74	Aug.	...	.90	Dec.	...	8.88

The Sanitary Inspector's Report is enclosed and the Vital Statistics as required. I should wish to add my appreciation of the kindness received by me from the members of the District Council and the recognition of the work done by the Sanitary Inspector, whose work was greatly increased last year.

I have the honour to be, gentlemen,

Your obedient Servant,

EDGAR VAUGHAN PHILLIPS.

Sanitary Inspector's Report, 1913.

To the Chairman and Members of the Market Harborough Rural District Council.

GENTLEMEN,

I beg to present to you my Third Annual Report dealing with the year ending December 31st, 1913.

NUISANCES, &c.

1224 Inspections have been made during the year, an increase of 278 on last year. Where nuisances, defects, &c., were found, steps were promptly taken to procure the abatement of the same.

148 notices were served (128 informal and 20 Statutory). These dealt with 218 nuisances.

HOUSING AND TOWN PLANNING ACT, 1909.

The house-to-house inspection under the above has been continued, and the parishes of Tur Langton, East Langton, Foxton, Lubenham, and parts of Smeeton, Mowsley and Husbands Bosworth have been inspected.

As the result of the inspection 72 notices were served under the Public Health Act. Some of these have not yet been complied with, but in nearly every case the owner has consulted me, and the work will be put in hand shortly.

On the whole the houses were in a fair condition generally, and most of the notices were for minor defects. A few houses were in a dilapidated condition, and steps have been taken to put them in a proper state of repair.

At Lubenham, three cases of overcrowding were discovered. Notices were given in these cases and the nuisance was remedied in each instance by arrangements being made for two of the children to sleep at a neighbours. Although this arrangement is not very satisfactory, it was necessary owing to the occupiers being unable to obtain a larger house. A number of the people living at Lubenham are workers in Market Harborough.

DAIRIES, COWSHEDS, &c.

Six persons have been registered under the Dairies, Cow-sheds and Milkshops' Order during the year. The total on the register is now 45.

The premises have been frequently inspected, and 184 inspections have been made,

The general condition of the premises is improving. In 6 instances structural alterations have been carried out this year, and notices for cleansing and limewashing were given in 11 instances.

INFECTIOUS DISEASES.

In connection with infectious diseases, I have made 55 inspections and disinfected 23 rooms. The bedding and clothing was disinfected in the room during fumigation.

NEW BUILDINGS.

During the year plans have been passed for 8 new houses and 5 plans of other buildings and alterations in Kibworth and Fleckney. Houses have also been built, one at Slawston, one at Husbands-Bosworth, and two at East Langton.

Certificates of occupation under the Public Health (Water) Act have been granted for nine houses.

SEWERAGE.

An improvement has been carried out at Tur Langton by re-laying the main sewer for a distance of 273 yards. This was carried out by contract under my supervision. In this connection considerable improvements to private house drains were carried out by owners whose property drained into the new sewer.

In consequence of complaints from the Grand Junction Canal Company respecting an offensive outfall from the sewer at Husbands Bosworth, a new septic tank has been added. It is working satisfactorily, and no complaints have since been received.

At Fleckney Sewerage Works the storm filter beds have been re-filled with material, but are still not working quite satisfactorily. The quantity of sewage to be dealt with has increased considerably of late years, and it may perhaps be advisable later to remove the materials from the storm beds

and convert them into settling tanks. This method of dealing with storm water has recently been sanctioned by the Local Government Board.

In conclusion I would again thank the members of the Council and your officers for their kind assistance.

I am, Gentlemen,

Your obedient Servant,

FRED C. SALMON.

Kibworth Harcourt.

February 9th, 1914.

Sanitary Inspector's Report, 1913.

YEAR 1913	MARKET HARBOROUGH RURAL DISTRICT.		
Total No. of inspections made for all purposes	...	1224	
Notices served 148 (Informal 128, Statutory 20)			
Complaints, total number received during the year	...	48	
General Sanitary Work.			
Premises, Houses, &c., No. inspected	...	343	
Nuisances abated	...	48	
Animals improperly kept, No. inspected	...	4	
Nuisances abated	...	4	
Privies (middens) No. existing repaired	...	4	
No. converted to pails	...	1	
No. converted to W.C.'s	...	16	
Pails or earth closets, No. of new provided	...	1	
Water Closets, No. of new provided	...	8	
No. supplied with water, repaired or otherwise improved	...	4	
Ashpits, No. of new provided	...	6	
No. converted to ashbins	...	4	
Ashbins, No. of new provided	...	15	
Cesspools, No. abolished and drains connected to sewer	...	1	
Drain, drain-traps, &c., No. inspected	...	343	
Nuisances abated	...	25	
Offensive accumulations, No. inspected	...	5	
Nuisances abated	...	5	
Overcrowding, No. of houses inspected	...	4	
Nuisances abated	...	4	
All other insanitary conditions not included in above			
No. inspected	...	24	
Nuisances abated	...	24	
Slaughter-houses, No. in district	...	17	
No. of inspections of premises	...	65	
Infectious diseases and disinfection, No. of houses affected	...	17	
No. of houses inspected	...	17	
Total No. of inspections made in this connection	...	55	
No. of house rooms disinfected	...	23	
Lots of clothing disinfected	...	17	
Is there a steam disinfecter available	...	No.	
Water supply, No. of samples taken for analysis	...	33	
No. condemned	...	22	
No. of wells closed	...	1	
No. of wells cleansed, repaired, &c.	...	15	
Canal Boats Acts, No. of inspections made	...	2	
Dairies, Cowsheds & Milkshops Orders, 1885 1889			
Have regulations been adopted?	Yes	
Has a Veterinary Inspector been appointed?	No.	
No. of dairymen, etc. (<i>milk sellers</i>) in the District	...	45	
No. of these registered (<i>Order of 1885, sec. 6, (1), (2)</i>)	...	45	
No. of inspections of their premises	...	184	

Premises, No. on register	...	...	...	45
No. of inspections made	...	...	...	184
No. of inspections during milking time	...	...	...	10
No. of contraventions of the Regulations found	...	...	...	17
No. of premises found to require :—				

(a) cleansing, &c. 11

(b) Structural or sanitary improvements (to include want of impervious paving of yards and cowshed floors, &c.)... ... 6

Water supply, No. of premises deriving water supply from wells	39
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Housing (Inspection of District) Regulations, 1910

No. of dwelling-houses inspected	205
Total number of inspections made ...	...	...	424
No. of dwelling-houses in which defects were found ...	...	...	65
No. of dwelling-houses in which defects were rectified (<i>i.e.</i> , made fit for human habitation), without recourse to Closing Orders, Sec. 15 ...	...	...	51

Factory and Workshop Acts, 1901

Workshops, No. on register (to include bakehouses)	...	...	27
No. of nuisances abated	...	...	4
Bakehouses only, No. on register	...	...	15
No. of nuisances abated	...	...	4
Homework, No. of outworkers ..	...	...	40
No. of houses	...	...	40

General Information

What arrangements are in operation for the disinfection of—

(a) Rooms ? (b) Articles of clothing ? (c) Bedding ?
 (a) Fumigated by Sanitary Inspector. (b) and (c)
 Occupiers instructed to wash everything possible,
 rest fumigated in room. Where necessary bedding
 destroyed and persons compensated.

What fumigant is used for (a)... ... Formalin

After fumigation is it the general practice to thoroughly cleanse, and strip the wall paper? ... No

Have building bye-laws been adopted for the *whole* district—if not, for what parishes ?

In parishes of Kibworth Beauchamp, Kibworth Harcourt, Fleckney, and Smeeton Westerby.

Public Health Acts (Amendment) Act, 1890.

Public Health Acts (Amendment) Act, 1907.

List of Parishes where Sections of the P.H.A. (A) Act, 1890, are in force Nil

List of Parishes where Sections of the P.H.A. (A) Act, 1907, are in force.... ... Nil

FRED C. SALMON,

Inspector of Nuisances.

TABLE I.—Vital Statistics of the Whole District during 1913
and previous Years.

YEAR.	Popula- tion estimated to middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.				
		Nett.		Number	Rate	Number	Rate	of Non- residents register'd in the District	of Resi- dents not register'd in the District	Under 1 Year of Age.		At all Ages	
		uncor- rected Number	Number							Number	Rate	Number	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13	
1908	...	7250	163	163	22.60	78	10.75	...	8	13	79.07	78	10.75
1909	...	7250	171	171	23.58	87	12	...	24	10	58.47	87	12
1910	...	7250	167	167	23.01	96	13.24	...	7	14	83.80	96	13.24
1911	...	7770	169	172	22.15	65	8.36	3	15	9	53.25	77	9.89
1912	...	7770	146	146	18.78	80	10.29	4	15	8	54.70	91	11.71
1913	...	7770	149	149	19.17	51	6.50	2	15	10	67.11	64	8.23

Total Population at all ages, 7770. Number of inhabited houses, 1905 } At Census
Average number of persons per house, 4.08. } of 1911.

Area of District in acres (land and inland water). 30,234.

TABLE II.—Cases of Infectious Disease notified during the Year 1913

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED.								TOTAL CASES NOTIFIED IN EACH LOCALITY.						TOTAL CASES REMOVED TO HOSPITAL.	
	At all Ages.	At Ages—Years.							Kibworth Beauchamp	Kibworth Harcourt	Fleckney	Lubenham	Slawston	Husbands Bosworth		
		Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65	65 and upwards								
Small-pox	
Cholera	
Diphtheria (including Membranous Croup)	18	...	2	7	3	5	1	...	8	5	4	1	1	1	1	
Erysipelas	
Scarlet Fever	...	5	...	1	1	...	3	...	...	...	...	1	1	4	4
Typhus Fever	
Enteric Fever	
Relapsing Fever	
Continued Fever	
Puerperal Fever	
Cerebro-spinal Meningitis	
Poliomyelitis	
Pulmonary Tuberculosis	
Other forms of Tuberculosis	
 Totals	...	23	...	3	8	3	8	1	...	8	5	4	1	1	4	5

No Isolation Hospital in the District.

TABLE III.—Causes of, and Ages at Death
during the Year 1913.

TABLE IV.—Infant Mortality during the Year 1913.

CAUSE OF DEATH		Under 1 week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 4 Weeks	4 Weeks and under 3 Months	3-6 Months	6-9 Months	9-12 Months	Total Deaths under One Year
All Causes	{ Certified	4	2	..	1	7	1	1	1	..	10
	{ Uncertified .. ..	..	..	..	..	..	..	..	..	..	..
Small-pox .. ..		..	..	..	..	..	..	..	..	..	..
Chicken-pox .. ..		..	..	..	..	..	..	..	..	..	..
Measles .. ..		..	..	..	..	..	..	..	..	..	..
Scarlet Fever .. ..		..	..	..	..	..	..	..	..	..	..
Whooping-Cough .. ..		..	..	..	..	..	..	..	..	..	..
Diphtheria and Croup .. ..		..	..	..	..	..	..	..	..	..	..
Erysipelas .. ..		..	..	..	..	..	..	..	..	..	..
Tuberculous Meningitis .. ..		..	..	..	..	..	..	..	..	..	..
Abdominal Tuberculosis .. ..		..	..	..	..	..	..	..	..	..	..
Other Tuberculous Diseases .. ..		..	..	..	..	..	..	..	..	..	..
Meningitis (<i>not Tuberculous</i>) .. ..		..	..	..	..	..	..	..	..	..	..
Convulsions .. ..		..	..	..	..	..	..	1	..	..	..
Laryngitis .. ..		..	..	..	..	..	..	..	..	..	..
Bronchitis .. ..		..	..	..	..	..	..	..	..	..	..
Pneumonia (all forms) .. ..		..	..	1	..	..	1	..	..	..	..
Diarrhoea .. ..		..	..	..	..	..	..	..	..	..	..
Enteritis .. ..		..	..	..	..	..	..	..	..	..	..
Gastritis .. ..		..	..	..	..	..	..	..	1	..	..
Syphilis .. ..		..	..	..	..	..	..	..	..	..	..
Rickets .. ..		..	..	..	..	..	..	..	..	..	..
Suffocation, overlaying .. ..		..	..	..	..	..	..	..	..	..	..
Injury at Birth .. ..		..	..	..	..	..	..	..	..	..	..
Atelectasis .. ..		..	..	..	..	..	..	..	..	..	..
Congenital Malformations .. ..		..	..	..	..	..	..	..	..	..	..
Premature Birth		4	1	..	..	..	1	1	1	..	10
Atrophy, Debility, Marasmus .. ..		..	..	..	..	1	..	..	..	..	..
Other Causes .. ..		..	..	..	..	..	..	..	..	..	..
TOTALS		4	2	..	1	..	1	1	1	..	10

Nett Births in the year—legitimate 149, illegitimate 0.

Nett Deaths in the year of—legitimate infants 10, illegitimate infants 0

Factories, Workshops, Laundries, Workplaces and Homework.

1.—INSPECTION.

Including Inspections made by Sanitary Inspector or Inspectors of Nuisances.

Factories (including Factory Laundries), No. of inspections	44
Workshops (including Workshop Laundries), No. of inspections	54
,, ,, ,, ,, Notices Served	2

2.—DEFECTS FOUND.

Want of cleanliness	...	...	...	...	3
Remedied	...	...	...	...	3
Other Nuisances	...	...	...	...	1
Remedied	...	...	...	...	1
Sanitary accommodation, unsuitable or defective	...	...	...	...	2
Remedied	...	...	...	...	2
Breach of special sanitary requirements for bakehouses (ss. 97 to 100)	...	...	...	...	4
Remedied	...	...	...	...	4
TOTAL	...	...	...	10	

3.—HOMEWORK.

Wearing Apparel,
making, &c.

L. ists	Outworkers. Workmen.
4	40

4. REGISTERED WORKSHOPS	Workshops 12
Bakehouses	15

Total number of workshops on Register ... **27**

5. OTHER MATTERS.

Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Acts(s.5,1901)	Notified by H.M. Inspector 2
	Reports (of action taken) sent to H.M. Inspector 2

